

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A video browsing system comprising:
 - a character screen which displays characters of a video; and
 - a main screen which displays video segments corresponding to significant events showing a storyline relation between two displayed characters of said character screen according to a user selection, wherein said storyline relation may be constant or variable.
2. (Original) A system of claim 1, wherein the main screen displays said video segments by a summary data of said video segments.
3. (Currently Amended) A system of claim 1, wherein a user selects two characters through the character screen to display the video segments corresponding to significant events showing [[a]] the storyline relation between the two displayed characters.
4. (Currently Amended) A system of claim 1, further comprises a character relation-variable event screen which displays connections between variable storyline relations and significant events.

5. (Currently Amended) A system of claim 4, wherein the character relation-variable event screen displays either one or both the variable storyline relations and events by key frames.

6. (Currently Amended) A system of claim 1, further comprising:
a relation screen which displays constant storyline relations and variable storyline relations between a character selected from the character screen and related characters, wherein said constant storyline relations and variable storyline relations are displayed in a tree structure; and
a main scene screen which displays significant events corresponding to one of either a constant storyline relation or variable storyline relation selected from the relation screen.

7. (Currently Amended) A system of claim 6, wherein the constant storyline relation is displayed on a top level of said tree structure and variable storyline relations are displayed on lower levels of said tree structure.

8. (Original) A system of claim 6, wherein the main scene screen displays the significant events by key frames.

9. (Currently Amended) A system of claim 6, further comprising a selection screen wherein the main scene screen displays either one or both main significant events or secondary significant events corresponding to said storyline relation selected from the relation screen, according to a user selection through said selection screen.

10. (Currently Amended) A system of claim 6, further comprising a selection screen, wherein the relation screen displays constant storyline relations and variable storyline relations corresponding to a storyline relation type selected by a user through said selection screen.

11. (Currently Amended) A system of claim 10, wherein a storyline relation type may be one of a family relation, a business relation, or a social relation.

12. (Currently Amended) A video data structure tangibly embodied in a computer-readable medium for a video browsing system comprising:

a visualization description scheme (DS) which includes a highlight view DS for display for displaying event data by a highlight, and a key frame view DS for displaying event data as key frames, wherein the highlight view DS is organized into multiple levels which enables a display of multi-levels of highlight data, and wherein the key frame view DS is organized into multiple levels which enables a display of multi-levels of summarized data;

a syntactic structure DS which includes information for displaying actual video segments of a video; and

a semantic structure DS which includes additional information describing [[a]] the video, wherein the semantic description includes information indicative of a storyline relation between objects in the video.

13. (Currently Amended) A video data structure of claim 12, wherein the syntactic structure DS is organized into a segment DS including actual video segment data and a time DS including corresponding temporal positions of each actual video segment data within [[a]] the video data.

14. (Currently Amended) A video data structure of claim 13, wherein the semantic structure DS is organized into sub-level structures comprising:

an event DS which includes event information, wherein said event DS is organized into sub-level structures of a reference to segment which includes reference information necessary for displaying a video segment of a video corresponding to events selected by a user and an annotation DS which includes information which connects said selected events with actual positions of said selected events within [[a]] the video data and information explaining said selected events;

an object DS which includes object information; and

an event/relation graph DS which includes information on at least one of constant storyline relations between the objects, variable storyline relations between the objects, or storyline relations between the objects and events, wherein said event/object relation graph DS is organized into an entity storyline relation with sub-level structures of a Reference to Object which connects objects having either a constant storyline relation or variable storyline relation, a Reference to Event which connects events which are significant to a storyline relation between each connected object[[s]], and a storyline relation which includes information on a nature and title of storyline relation between each connected object[[s]].

15. (Currently Amended) A video browsing system comprising:

- a character screen which displays characters of a video;
- a main screen which displays video segments corresponding to significant events showing a plotline relation between two displayed characters of said character screen according to a user selection, wherein said plotline relation may be constant or variable;
- a relation screen which displays constant plotline relations and variable plotline relations between a character selected from the character screen and related characters, wherein said constant plotline relations and variable plotline relations are displayed in a tree structure;
- and
- a main scene screen which displays significant events corresponding to one of either a constant plotline relation or variable plotline relation selected from the relation screen.

16. (Currently Amended) A system of claim 15, wherein the constant plotline relation is displayed on a top level of said tree structure and variable plotline relations are displayed on lower levels of said tree structure.

17. (Original) A system of claim 15, wherein the character screen, the main screen, the relation screen, and the main scene screen are displayed using a video data structure comprising:

- a visualization DS which includes a highlight view DS for display for displaying event data by a highlight and a key frame view DS for displaying event data as key frames,

wherein the highlight view DS is organized into multiple levels which enables a display of multi-levels of highlight data and wherein the key frame view DS is organized into multiple levels which enables a display of multi-levels of summarized data;

 a syntactic structure DS which includes information for displaying actual video segments of a video; and

 a semantic structure DS which includes additional information describing a video.

18. (Currently Amended) A system of claim 15, further comprising a selection screen wherein the main scene screen displays either one or both main significant events or secondary significant events corresponding to said plotline relation selected from the relation screen, according to a user selection through said selection screen.

19. (Currently Amended) A system of claim 15, further comprising a selection screen wherein the relation screen displays constant plotline relations and variable plotline relations corresponding to a plotline relation type selected by a user through said selection screen.

20. (Currently Amended) A system of claim 19, wherein [[a]] the plotline relation type may be one of a family relation, a business relation, or a social relation.

21. (Currently Amended) A video browsing system comprising:
 a character menu configured to displays characters that are part of a video; and

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a video display configured to display video segments from the video, wherein the video segments correspond to events showing a storyline relationship between two displayed characters in said character menu.

22. (Previously Presented) The system of claim 21, wherein the characters are represented by actors in the video.

23. (Currently Amended) The system of claim 21, wherein a user selects two characters through the character menu to display the video segments corresponding to events showing the storyline relationship between the two displayed characters.

24. (Currently Amended) The system of claim 21, further comprising a character relationship-variable event menu configured to display connections between variable storyline relationships and events.

25. (Currently Amended) The system of claim 24, wherein the character relationship-variable event menu configured to display either one or both the variable storyline relationships and events by key frames.

26. (Currently Amended) The system of claim 21, further comprising:
a relationship menu configured to display constant storyline relationships and variable storyline relationships between a character selected from the character menu and related

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characters, wherein said constant storyline relationships and variable storyline relationships are displayed in a tree structure; and

· a main scene menu configured to display significant events corresponding at least one a constant storyline relationship and a variable storyline relationship selected from the relationship screen.

27. (Currently Amended) The system of claim 26, wherein the constant storyline relationship is displayed on a top level of said tree structure and variable storyline relationships are displayed on lower levels of said tree structure.

28. (Currently Amended) The system of claim 21, wherein a storyline relationship type between characters is at least one of a family relationship, a business relationship, and a social relationship.

29. (Currently Amended) The system of claim 21, wherein said storyline relationship is at least one of a constant storyline relationship and a variable storyline relationship.